

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Moore et al.

Application No. 09/840,569

Filed: April 23, 2001

For: SYSTEMS AND METHODS FOR
UNIQUELY AND PERSISTENTLY
IDENTIFYING NETWORKS

2152
PATENT
Attorney Docket No. 206190
Client Reference No. 155604.02

#5
RECEIVED

MAY 12 2004

Group Art Unit: 2152

Technology Center 2100

Examiner: Unassigned

CERTIFICATION OF MAILING

I hereby certify that this SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (along with any documents referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: 5-6-04

Silma Del Noya

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Pursuant to 37 CFR 1.97 and 1.98, the references listed on the enclosed Form PTO-1449 and/or Substitute Form PTO-1449 ("Form 1449") are submitted for consideration by the Examiner in the examination of the above-identified patent application.

The full consideration of the references in their entirety by the Examiner is respectfully requested and encouraged. Also, it is respectfully requested that the references be entered into the record of the present application and that the Examiner place his or her initials in the appropriate area on the enclosed Form 1449, thereby indicating the Examiner's consideration of each of the references.

The submission of the references listed on the Form 1449 is for the purpose of providing a complete record and is not a concession that the references listed thereon are prior art to the invention claimed in the patent application. The right is expressly reserved to establish an invention date earlier than the above-identified filing date in order to remove any reference submitted herewith as prior art should it be deemed appropriate to do so.

Further, the submission of the references is not to be taken as a concession that any reference represents art that is relevant or analogous to the claimed invention. Accordingly, the right to argue that any reference is not properly within the scope of prior art relevant to an examination of the claims in the above-identified application is also expressly reserved.

The Information Disclosure Statement is being filed:

- ☒ **within** any one of the following time periods: (a) within three months of the filing date of a national application other than a continued prosecution application under 37 CFR 1.53(d); (b) within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 of an international application; (c) before the mailing date of a first Office Action on the merits; or (d) before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.
- ☐ **after** (a), (b), (c) or (d) above, but before the mailing date of a final action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an action that otherwise closes prosecution in the application, and includes *one* of:
- ☐ the Statement under 37 CFR 1.97(e) (see "Statement under 37 CFR 1.97(e)" below).
- or*
- ☐ the fee of \$180 set forth in 37 CFR 1.17(p) (see "Fees" below).
- ☐ **after** the mailing date of a final action under 37 CFR 1.113 or a Notice of Allowance under 37 CFR 1.311, or an action that otherwise closes prosecution in the application, and on or before payment of the issue fee, and includes the Statement under 37 CFR 1.97(e) (see "Statement under 37 CFR 1.97(e)" below), and the fee of \$180 as set forth in 37 CFR 1.17(p) (see "Fees" below).
- ☐ **after** the mailing date of a Notice of Allowance under 37 CFR 1.311, and on or before payment of the issue fee, and **within** thirty days of receiving each item of information contained in the Information Disclosure Statement, and includes the Statement under 37 CFR 1.704(d) (see "Statement under 37 CFR 1.704(d)" below), and the fee of \$180 as set forth in 37 CFR 1.17(p) (see "Fees" below).

NOTE: This is for original applications except applications for a design patent, filed on or after May 29, 2000, wherein a paper containing only an Information Disclosure Statement in compliance with 37 CFR 1.97 and 1.98 is being filed.

Copies of the References

- ☒ Copies of all of the references listed on the enclosed Form 1449 are enclosed herewith.
- ☐ This patent application was filed after June 30, 2003. Accordingly, copies of U.S. patents and patent applications that are listed on the accompanying Form 1449 are not enclosed herewith (see Official Gazette Notice of August 5, 2003). Copies of other references identified on the accompanying Form 1449 are enclosed herewith.
- ☒ Attached to each reference not in the English language is a concise explanation of the relevance pursuant to 37 CFR 1.98(a)(3). An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the

degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of the relevance pursuant to 37 CFR 1.98(a)(3).

- ☐ A copy of the foreign search report is enclosed herewith.
- ☐ The references listed on the enclosed Form 1449 were previously identified in the parent application(s) of the present application, and copies of the references were furnished at that time. Accordingly, additional copies of the references are not submitted herewith, so as not to burden the file with duplicate copies of references. The Examiner is respectfully requested to carefully review the references in accordance with the requirements set out in the Manual of Patent Examining Procedure. In accordance with 37 CFR 1.98(d), the details of the parent application(s) relied upon for an earlier filing date under 35 USC 120 in which copies of the references were previously furnished are set out below:

U.S. APPLICATIONS		Status (<i>check one</i>)		
U.S. APPLICATIONS	U.S. FILING DATE	PATENTED	PENDING	ABANDONED
1.				
2.				
3.				

Other Applications

- ☒ A previous IDS, filed for this application on December 27, 2001, directed the Examiner's attention to twenty other pending applications. Upon examination, it is clear that the current application is not related to all of these other applications. Instead, the present application is related to the following five applications:

Application Number	Filing Date	Attorney Reference	Status
09/557,498	04/24/2000	204844	Abandoned
09/557,497	04/24/2000	204847	Abandoned
09/556,764	04/24/2000	204850	Abandoned
09/652,501	08/31/2000	205238	Pending
09/840,368	04/23/2001	205895	Pending

Statement under 37 CFR 1.97(e)

- ☐ The **undersigned** hereby states that each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign patent application not more than three months prior to the filing of the Information Disclosure Statement.
- ☐ The **undersigned** hereby states that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in

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Application No. 09/840,569

37 CFR 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.

Statement under 37 CFR 1.704(d)

- ☐ The **undersigned** hereby states that each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 CFR 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.

Fees

- ☒ No fee is owed by the applicant(s).
☐ The **IDS Fee of \$180** under 37 CFR 1.17(p) is enclosed herewith.

Method of Payment of Fees

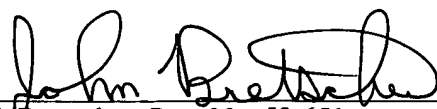
- ☐ Attached is a check in the amount of \$.
☐ Charge Deposit Account No. 12-1216 in the amount of \$. (A duplicate copy of this communication is enclosed for that purpose.)

Authorization to Charge Additional Fees

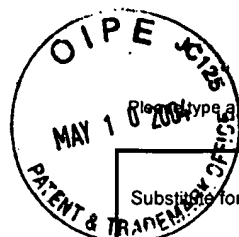
- ☒ If any additional fees are owed in connection with this communication, please charge Deposit Account No. 12-1216. (A duplicate copy of this communication is enclosed for that purpose.)

Instructions as to Overpayment

- ☒ Credit Account No. 12-1216.
☐ Refund


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Date: May 6, 2004



Please type a plus sign (+) inside this box → +

Substitution for form 1449A/B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number 09/840,569
Filing Date April 23, 2001
First Named Inventor Timothy M. Moore
Group Art Unit 2152
Examiner Name Unassigned
Attorney Docket Number 206190

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Technology Center 2100

U.S. PATENT DOCUMENTS

Examiner Initials	Doc. No.	U.S. Patent Document		Name of Patentee or Applicant	Date of Publication	Filing Date If Appropriate
		Application or Patent Number	Kind Code			
	AL	5,185,860		Wu	02/09/93	05/03/90
	AM	5,680,326		Russ et al.	10/21/97	06/22/95
	AN	5,917,997		Bell et al.	06/29/99	12/06/96
	AO	5,991,771		Falls et al.	11/23/99	07/18/96
	AP	6,092,121		Bennett et al.	07/18/00	12/18/97
	AQ	6,134,671		Commerford et al.	10/17/00	07/31/97
	AR	6,138,159		Phaal	10/24/00	06/11/98
	AS	6,151,505		Larkins et al.	11/21/00	07/03/97
	AT	6,209,089	B1	Selitrennikoff et al.	02/27/01	08/12/98
	AU	6,225,944	B1	Hayes	05/01/01	12/11/99
	AV	6,236,652	B1	Preston et al.	05/22/01	11/02/99
	AW	6,269,417	B1	Mahalingam	07/31/01	10/01/97
	AX	6,295,455	B1	Fischer et al.	09/25/01	06/11/99
	AY	6,314,455	B1	Cromer et al.	11/06/01	02/24/99
	AZ	6,353,854	B1	Cromer et al.	03/05/02	10/01/98
	BA	6,424,639	B1	Lioy et al.	07/23/02	12/22/99
	BB	6,473,407	B1	Ditmer et al.	10/29/02	09/24/98
	BC	6,477,576	B2	Angwin et al.	05/16/02	06/17/99
	BD	6,556,660	B1	Li et al.	04/29/03	04/25/01
	BE	6,560,650	B1	Imai	05/06/03	07/09/99
	BF	6,581,166	B1	Hirst et al.	06/17/03	03/01/00
	BG	6,587,970	B1	Wang et al.	07/01/03	03/22/00

FOREIGN PATENT DOCUMENTS

Examiner Initials	Doc. No.	Foreign Patent Document			Name of Patentee or Applicant	Date of Publication	Translation	
		Office	Application or Patent Number	Kind Code			Yes	No**

OTHER - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Translation	
			Yes	No**

Examiner Signature

Date Considered

* A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

+ An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).

Please type a plus sign (+) inside this box →

<div style="text-align: right;"> </div> <p>Substitute for form 1449A/B/PTO</p> <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;"><i>(Use as many sheets as necessary)</i></p>				<i>Complete if Known</i>	
				Application Number	09/840,569
				Filing Date	April 23, 2001
				First Named Inventor	Timothy M. Moore
				Group Art Unit	2152
				Examiner Name	Unassigned
Sheet	2	of	2	Attorney Docket Number	206190

[illegible][illegible]

OTHER - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Translation	
			Yes	No**
	B L	YAVUZ et al., <u>HIGHLY SURVIVABLE COMMUNICATIONS: COMPLEMENTARY MEDIA PACKET SWITCHED NETWORKS</u> , Communications Division SHAPE Technical Centre, 1993, pp. 1-1 to 1-14.		
	B M	LEONHARDT et al., <u>Multi-Sensor Location Tracking</u> , MOBICOM 98, 1998, pp. 203-213.		
	B N	MAASS, <u>Location-aware mobile applications based on directory services</u> , Mobile Networks and Applications, 1998, pp. 157-173.		
	B O	TAMVACLIS, <u>QOS DRIVEN ROUTING IN PACKET SWITCHED NETWORKS OF MULTIPLE TRANSMISSION MEDIA</u> , Shape Technical Centre, 1993, pp. 2-1 to 2-8.		

Examiner Signature		Date Considered	
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- * A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).
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